AUTOMATIC WORK ORDER/PARTS ORDER
GENERATION AND TRACKING

ABSTRACT

A process control system uses an asset utilization expert to collect data or

5   information pertaining to the assets of a process plant from various sources or

functional areas of the plant including, for example, the process control functional

areas, the maintenance functional areas and the business systems functional areas.

This data and information is manipulated in a coordinated manner by tools, such as

optimization and modeling tools and is redistributed to other areas or tools where it is

10   used to perform overall better or more optimal control, maintenance and business

activities. Information or data may be collected by maintenance functions pertaining

to the health, variability, performance or utilization of a device, loop, unit, etc. and

this information may then be sent to and displayed to a process operator or

maintenance person to inform that person of a current or future problem. An

15   application, such as a work order generation application, may automatically generate

work orders, parts or supplies orders, etc. based on events occurring within the plant.